

Amendments to the Claims:

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1-22. (Cancelled)

23. (Currently Amended) An elevator system, comprising:

a cab that moves at a contract speed;

a belt that supports the cab and facilitates movement of the cab, the belt having a plurality of spaced grooves on at least one side of the belt, each of the grooves including a fillet at an edge of each groove; and

at least one sheave over which the belt travels as the cab moves, the sheave having a diameter that has a relationship to a width of the grooves on the belt so that a ratio of the groove width to the sheave diameter is less than about .015,

wherein the ratio of the groove width to the sheave diameter is ~~selected dependent on the contract speed such that the ratio is~~ (i) within a first range when the contract speed is above a first speed ~~or~~ and (ii) within a second, higher range when the contract speed is a second, slower speed below the first speed.

24. (Previously Presented) The system of claim 23, wherein the ratio is less than about .008.

25. (Previously Presented) The system of claim 23, wherein the ratio is between .001 and .015.

26. (Previously Presented) The system of claim 23, wherein the fillets each have a radius of curvature that is between about 0.1 mm and about 0.5 mm